

## **Storm Water Management Plan**

### **Site Location**

The facility is located in section 24 of Township 26-North, Range 5-East, 4<sup>th</sup> Prin. Meridian of Stephenson County. This is approximately a 15 acre site consisting of three mature dairy livestock housing buildings, four dry pack calf barns, a dairy parlor, a commodity storage area and two earthen storage structures. This facility is located in a rural agricultural area where row and hay crops are grown. East Plum River lies approximately 7,000 feet west of the property. Attachment A is a facility map, which illustrates the layout of this site.

### **Storm Water Management**

All storm water is directed away from the facility buildings and facilities. The finished man-made and surrounding natural topography allows all surface water to flow away from the facility in a southeasterly direction. The dairy buildings were built on a relatively level portion of land. The surrounding topography allows the storm water to disperse away from individual buildings and the site. The excess storm water leaving the site will run through agricultural and heavily vegetated areas and eventually drain towards a small tributary of East Plum River.

### **Facility Access**

The facility is accessible through private gravel drives. Only facility employees, dairy transportation, dairy service, feed/animal transportation vehicles or facility service personnel are routinely permitted at the facility. No vehicles entering the site will be permitted to clean, wash, or empty excess materials onto the ground of the site.

### **Facility Commodity Management**

The products utilized at the facility consist of feed for facility livestock is delivered to the facility. All feed materials are stored on concrete based commodity storage area. All precipitation from this area or the commodity equipment handling area is directed into an earthen storage structure. The earthen storage is located adjacent to the commodity area to the southeast. All non-contact precipitation is directed around the commodity storage area and not into the earthen storage structure.

### **Facility Mortality Management**

The facility utilizes rendering as the method of mortality management.

### **Litter Management**

A proper number of dumpsters will be provided on site to handle debris associated with the facility. The debris will be disposed of in an appropriate and timely manner.

### **Hazardous Waste**

There is no and will be no hazardous waste generated at this site.

### **Maintenance/Inspection Procedures**

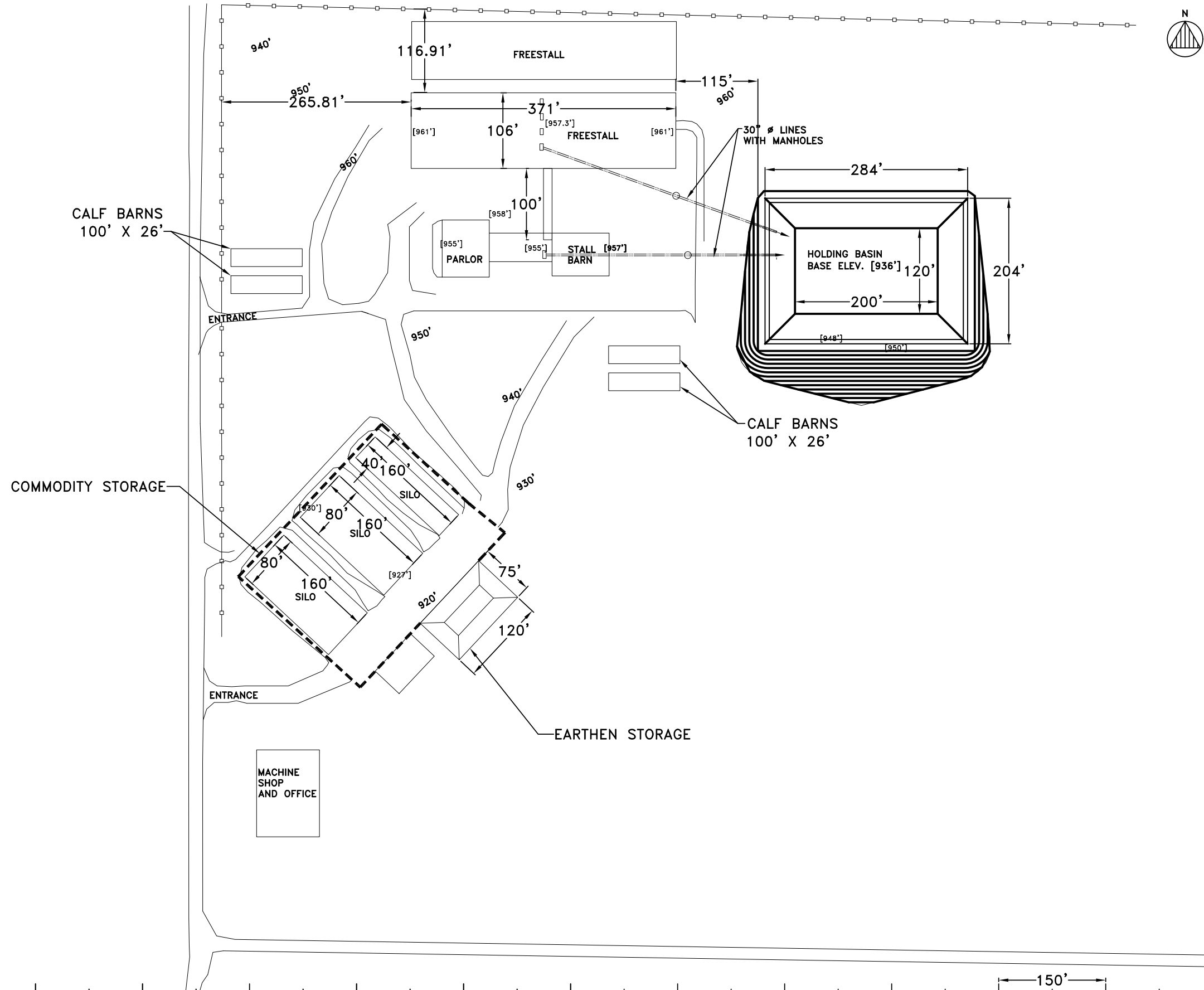
Facility roads, commodity storage areas, etc., will be inspected at least once a month. A maintenance inspection report will be recorded following each inspection. A copy of the inspection form is provided as Attachment B.

## **Storm Water Best Management Practices**

### **Grounds:**

- Maintain sufficient surface drainage away from buildings.
- Permanent vegetation will be maintained across the facility.
- Divert rain water away from areas where it could pond.
- Maintain proper gravel cover and landscape gradient so that water does not stand in access roads and around the production facility.
- Remove any spilled feed promptly.

ATTACHMENT A  
FACILITY PLOT PLAN



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FOIA Exemption (b) (6)

**DAIRY**

STEPHENSON COUNTY, ILLINOIS

**PLOT PLAN**

DRAWN BY: CEO

SCALE: AS SHOWN

DATE: 09/10/09

REVISED ON: 06/30/10

DRAWING NO. 09-20301

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ATTACHMENT B  
INSPECTION FORM

FOIA Exemption Dairy  
Stormwater Management Plan  
Inspection Report Form  
To Be Complete Every Month

Inspector: \_\_\_\_\_ Date: \_\_\_\_\_

Inspector's Qualifications: \_\_\_\_\_

Days Since Last Rainfall: \_\_\_\_\_ Amount of Last Rainfall: \_\_\_\_\_

Area	Date of Last Inspection	Date of Next Inspection	Stabilized	Yes/No	Condition of Vegetation	Visible Erosion
Facility Structures						
Access Drive/Areas						
Vegetated Areas						
Materials Handling Areas (not livestock waste)						
Refuse Sites						
Mortality Areas						
Materials Handling Equipment Storage Areas						
Shipping/Receiving Areas						

Comments: \_\_\_\_\_  
\_\_\_\_\_

Action(s) Required: \_\_\_\_\_  
\_\_\_\_\_

To Be Performed By: \_\_\_\_\_ On or Before: \_\_\_\_\_